Ash utilisation status

NAME OF THE INDUSTRY - : Indian Metals & Ferro Alloys Ltd

MONTH WISE STATUS OF UTILIZATION OF COAL ASH (FLY ASH AND BOTTOM ASH)

SL NO.	Month-Year	Coal Consumption (MT)	Power Generation (MW)	Quantity of Fly ash Generated (MT)	Quantity of Bottom ash Generated (MT)	Total ash Generated (MT)	Disposal Method	Brick Manufacturing (MT) (own)	Supplied to other Brick / Block Manufacturing Industries With subsidy (MT)	Mine void Quarry Filling (MT)		Utilization in Embankment/Dyke Raising (MT)	Other purpose (MT)						Total ash Utilized (MT)			% of Utilization
										Quarry Filling	Coal Mine Void Filling	Dyke Raising	Road Making	Ceno Sphere	Small land fill	Tiles	Aggregates	Cement Making	From Current month	From Previous stock	Total ash utilized	
1	April -2019	88185.3	82224	37571	4372	41943	By Dumper	1689	24700	8704	0	0	0	0	0	0	0	6840	41933	0	41933	99.98
2	May-2019	45623.3	40035	19166	2679	21845	By Dumper	1536	8090	9169	0	0	0	0	0	0	300	2740	21835	0	21835	99.95
3	June-2019	70599	65395	30344	3375	33719	By Dumper	1674	14990	12509	0	0	0	0	0	0	1266	3300	33719	20	33739	100.06
4	July-2019	94205.9	92984.6	36389	7202	43591	By Dumper	1697	20210	18724	0	0	0	0	0	0	0	2960	43591	0	43591	100
5	Aug-2019	81092	85278.8	32056	4103	36159	By Dumper	1732	19280	12807	0	0	0	0	0	0	0	2340	36159	0	36159	100
6	Sept-2019	95473.1	94961.4	38744	5262	44006	By Dumper	1719	21030	17677	0	0	0	0	0	0	0	3580	44006	0	44006	100
7	Oct-2019	100082.1	99716.9	41503	4916	46419	By Dumper	1473	24540	16116	0	0	0	0	0	0	250	4040	46419	0	46419	100
8	Nov-2019	93280.1	91292.7	35726	7665	43391	By Dumper	1666	21090	14735	0	0	0	0	0	0	0	5900	43391	0	43391	100
9	Dec-19	107558.2	102126.3	40035	10338	50373	By Dumper	1824	21260	18969	0	0	0	0	0	0	0	8320	50373	0	50373	100
10	Jan-2020	101323.2	89011.4	43954	5785	49739	By Dumper	1865	20550	15754	0	0	0	0	0	0	270	11300	49739	0	49739	100
11	Feb-2020	102845.8	90730.3	44609	6207	50816	By Dumper	1581	16250	22866	0	0	0	0	0	0	779	9340	50816	0	50816	100
12	Mar-2020	109874.3	100289.5	43404	9601	53005	By Dumper	1382	10230	33372	0	0	0	0	0	0	461	7560	53005	0	53005	100
Total		1090142.3	1034045.9	443501	71505	515006		19838	222220	201402	0	0	0	0	0	0	3326	68220	514986	20	515006	**100.00**

Note : MT = Metric ton

With reference to letter no. 1314/IND-IV-PCP-FARC-01 dt 20.01.2015 we are providing fly ash with subsidy for road making and subsidy to brick / block manufacturing unit.

Name of the Power Utility : Indian Metals & Ferro Alloys Ltd.	Name of the Thermal Power Plant (Capacity in MW) Indian Metals & Ferro Alloys Ltd. 108MW + 30 MW + 120 MW = Total 258 MW

Details of ash utilization during the Month of March 2020

Sl. No.	Name of Ash Disposal Area	Ash disposal area in Hectare	Design Life of Ash disposal area	Pond Ash Availability in MT (up to 31.03.2019)	Ash Generated in MT during the March 2020		Ash Utilized in MT during March 2020		Pond Ash Availability in MT (up to 01.04.2020)
					ESP Fly Ash	Bottom Ash	Dry ESP Fly Ash and bottom ash	Pond Ash	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	IDCO land and Puspangi	50.64	20 yrs	Nil	43404	9601	53005	Nil	Nil

ASH UTILIZATION DETAILS

Sl. No.	Area of Utilization	For the Month (March 2020) Ash utilized in MT			Cummulative for Year (FY 19-20) Ash Utilized in MT	
		Dry ESP Fly Ash	Bottom Ash	Pond Ash	Dry ESP Fly Ash and bottom ash	Pond Ash
1	**Bricks/Blocks/Tiles industies**					
1A	**Dry ESP Fly Ash Issued to Bricks/Blocks/Tiles industies (Outside)**	10230	Nil	Nil		
1B	**Pond Ash Issued to Bricks/Blocks/Tiles industries (Outside)**	Nil	Nil	Nil		
1C	**Fly Ash issued for Bricks/Blocks/Tiles in Own Plant**		Nil	Nil		
	a) Dry ESP Fly Ash issued	1382	Nil	Nil		
	b) Pond ash issued	Nil	Nil	Nil		
	Sub-Total	1382	Nil	Nil		
	Total fly ash Issued to Bricks/Block/Tile Industries (1A+1B+1C)	11612	Nil	Nil	242058	Nil
2	**Cement Industries**					
2A	**Dry ESP Fly Ash Issued to Cement Industries**					
	a) Cement	7560				
	b) RMC					
	c) Asbestos					
	Sub-Total	7560				
2B	**Pond Ash Issued to Cement Industries**					
	Total Fly Ash Issued to Cement Industries (2A+2B)	7560			68220	Nil
3	**Roads, Fly over /Rail Embankment**					
3A	**Dry ESP Fly Ash Issued for Road construction (Outside)**	0				
3B	**Pond Ash Issued for Road construction (Outside)**	Nil				
	Total Fly Ash Issued for Road Construction (3A+3B)	0			Nil	Nil
4	**Total Fly Ash issued for Part replacement of cement in concrete**	Nil			Nil	Nil
5	**Total Fly ash supplied to Hydro power sector**	Nil			Nil	Nil
6	**Total Fly ash used for Ash Dyke raising**	Nil			Nil	Nil
7	**Landfill/Reclaimation of low lying area**					
	a) Power Utility Own Land	Nil			Nil	Nil
	b)Outside Land	33372			201402	Nil
	Total Fly Ash used for Landfill/Reclaimation of low lying area	33372			201402	Nil
8	**Mine filling**					
	a) Open cast mine					
	b) U.G.Mine					
	Total Fly Ash used for Mine filling	Nil			Nil	Nil
9	**Agriculture / waste land development**					
9A	**Dry ESP Fly Ash Issued for Agriculture / waste land development**					
9B	**Pond Ash Issued forAgriculture / waste land development**					
	Total Fly Ash Issued to Agriculture/ waste land development (9A+9B)	Nil			Nil	Nil
10	**Others**					
	a) CLSM					
	b) Cenospheres					
	c) Bottom ash cover					
	d) Any other (Low Density Aggregates) own	461			3326	
	Total Fly Ash Issued for other purpose	461			3326	Nil
	Grand Total	**53005**			**515006**	**Nil**

Bottom ash -collected from the bottom of furnace
Dry ESP Fly Ash - Colected from ESP and stored in Silo
Pond Ash - Fly ash and bottom ashStored in Pond
CLSM - Controlled Low strength Material

MT = Metric ton